

SUPERIOR METALS RECLAIMING CO.
COOK COUNTY
LANSING, ILLINOIS
SUPERFUND/HRS

CERCLA

Pre-CERCLIS

Screening Assessment

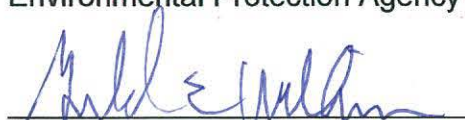



Prepared by:
Office of Site Evaluation
Division of Remediation Management
Bureau of Land

SIGNATURE PAGE

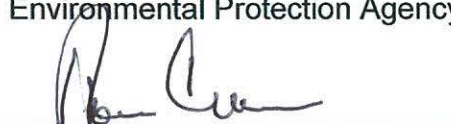
Title: Pre-CERCLIS Screening Assessment for Superior Metals Reclaiming

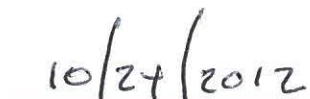
Preparer: Gerald E. Willman, Project Manager, Office of Site Evaluation, Illinois Environmental Protection Agency


Signature


Date

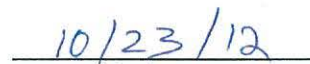
Reviewer: Tom Crause, Office Manager, Office of Site Evaluation, Illinois Environmental Protection Agency


Signature


Date

Approval: Patrick Hamblin, United States Environmental Protection Agency, Region 5


Signature


Date

PRE-CERCLIS SCREENING REPORT

for:

**SUPERIOR METALS RECLAIMING COMPANY
LANSING, ILLINOIS**

PREPARED BY:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
BUREAU OF LAND
DIVISION OF REMEDIATION MANAGEMENT
OFFICE OF SITE EVALUATION

AUGUST 10, 2012

SITE SUMMARY

On February 22, 2012, the Illinois Environmental Protection Agency's (Illinois EPA) Office of Site Evaluation received funding from the United States Environmental Protection Agency (U.S. EPA) Region V to conduct a Pre-CERCLIS Screening (PCS) Assessment at the Superior Metals Reclaiming site in Lansing, Cook County, Illinois. The site was located at the intersection of Chicago Avenue and Pennsylvania Railroad. Based on advertisements in the Standard Metal Directory, Superior Metals Reclaiming Company was in operation in Lansing from at least 1946 through 1963. The geographic coordinates for the site (at the intersection of Chicago Avenue and Pennsylvania Railroad) are 41.5744° latitude, and -87.5442° longitude. Figure 1 of this report shows the area believed to be the general location of the facility.

A Pre-CERCLIS Screening Assessment is a review of information on potential waste sites to determine if the site should be entered into U.S. EPA's Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS). During the assessment, information will be collected in order to complete the Pre-CERCLIS Screening Assessment Checklist Form (attached to this report). If there is sufficient information that suggests the site may be impacting human health and the environment, the site will be placed on CERCLIS and will progress through the Superfund process. The Pre-CERCLIS Screening Assessment is performed under the authority of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) commonly known as Superfund.

Local residents and officials with the city of Lansing were interviewed in an attempt to identify the exact former location, years of activity, and operating procedures for the company. Similarly, the local library and historical society were consulted in an attempt to gain any information about the facility. There were no individuals identified that remembered the name or location the Superior Metals Reclaiming Company. Multiple publications of the Standard Metal Directory (a directory of companies working with metals in various capacities) were consulted in an attempt to determine additional information about the facility. It appears that Superior began its operation dealing primarily with scrap metals in approximately 1946. Later editions of the Standard Metals Directory indicated that the company began smelting various metals and ultimately lead circa 1963. Sanborn Fire Insurance maps of Lansing did not include any information about Superior Metals.

Field reconnaissance was conducted in the area of the site on July 5, and August 8, 2012.

There are currently no physical features of the area surrounding the intersection of Chicago Avenue and Pennsylvania Railroad that indicate the obvious location of the smelter. (The Pennsylvania Railroad is no longer in operation and the rail bed has been converted into a bike path.)

ATTACHMENT A

PRE-CERCLIS SCREENING ASSESSMENT CHECKLIST/DECISION FORM

This checklist can assist the site investigator during the Pre-CERCLIS screening. It will be used to determine whether further steps in the site investigation process are required under CERCLA. Use additional sheets for the narrative.

Checklist Preparer: Jerry Willman (Name/Title) 08/10/12 (Date)
 1021 North Grand Avenue East Springfield, IL (Address) (217)524-6365 (Phone)
 jerry.willman@illinois.gov (E-Mail Address)

Site Name: Superior Metals Reclaiming Company

Previous Names (if any): _____

Site Location: Intersection of Chicago Avenue and Pennsylvania Railroad (Street)
 Lansing Cook, IL 60438
 (City) (County) (ST) (Zip)
 1
 (Congressional District)

Latitude: 41.5744° **Longitude:** -87.5442°

With regards to the Latitude and Longitude, please provide the following information: Accuracy in Meters +/-, Collection Method, Reference Datum, Reference Point, Source Map Scale, Point/Line/Area; Collection Date; Verification Method (see attached): Accuracy: +/- 1.5 feet; Collection Method: Interpolation, Digital Orthophoto Quarter Quadrangle; Reference Datum: North American 1983; Reference Point: Site Address; Source Map Scale: NA; point/Line/Area/: Point; Collection Date: December 21, 2009; Verification Method: Verified Relative to Map Features, other.

Complete the following checklist. If "yes" is marked, please explain below.

	YES	NO
1. Does the site already appear in CERCLIS?	<input type="checkbox"/>	X
2. Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures?	<input type="checkbox"/>	X
3. Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?	<input type="checkbox"/>	X
4. Is the release into a public or private drinking water supply due to deterioration of the system through ordinary use?	<input type="checkbox"/>	X
5. Is some other program actively involved with the site (i.e., another Federal, State, or Tribal program)?	<input type="checkbox"/>	X
6. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)?	<input type="checkbox"/>	X
7. Are the hazardous substances potentially released at the site excluded by policy considerations (e.g., deferral to RCRA Corrective Action)?	<input type="checkbox"/>	X
8. Is there sufficient documentation that clearly demonstrates that there is no potential for a release that could	<input type="checkbox"/>	X

cause adverse environmental or human health impacts (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, documentation showing that no hazardous substance releases have occurred, EPA approved risk assessment completed)?		
9. Is there documentation indicating that a target (e.g., drinking water wells, drinking surface water intakes, etc.) has been exposed to a hazardous substance released from the site?	<input type="checkbox"/>	X
10. Is there an apparent release at the site with no documentation of exposed targets, but there are targets on-site or immediately adjacent to the site or nearby (within 1 mile)?	X	X
11. Are there no releases or potential to release?	<input type="checkbox"/>	X

Please explain all "yes" answer(s), attach additional sheets or refer to narrative:

See narrative, below

Site Determination: **X** Enter the site into CERCLIS. Further assessment is recommended (explain below).

☐ The site is not recommended for placement into CERCLIS (explain below).

DECISION/DISCUSSION/RATIONALE:

The former Superior Metals Reclaiming Company was located at the Intersection of Chicago Avenue and Pennsylvania Railroad. It is unclear as to where the exact location of the facility was in relation to the intersection. It is believed the facility was in operation from at least 1946 to 1963. Without knowing the exact location of the former facility there is no way to determine whether or not contamination is present in the soils, or how accessible the potential contamination is to the public. Therefore, it is recommended that the site be placed on CERCLIS and scheduled for a preliminary assessment.

EPA Regional Review and Site Assessment Decision

Check the box(es) that apply:

- ☐ Not a Valid Site or Incident
☐ Incident for Further Action Under CERCLA

Recommended Further Action:

- X** APA
☐ Full PA
☐ Combined PA/SI
☐ SI

Defer/Refer to:

- ☐ Removal Program
☐ State/Tribal Program
☐ RCRA
☐ Brownfields
☐ Other: _____

Regional EPA Reviewer:

PATRICK HAMBLIN / [Signature] 10/23/12

Print Name/Signature

Date

State Agency/Tribe:

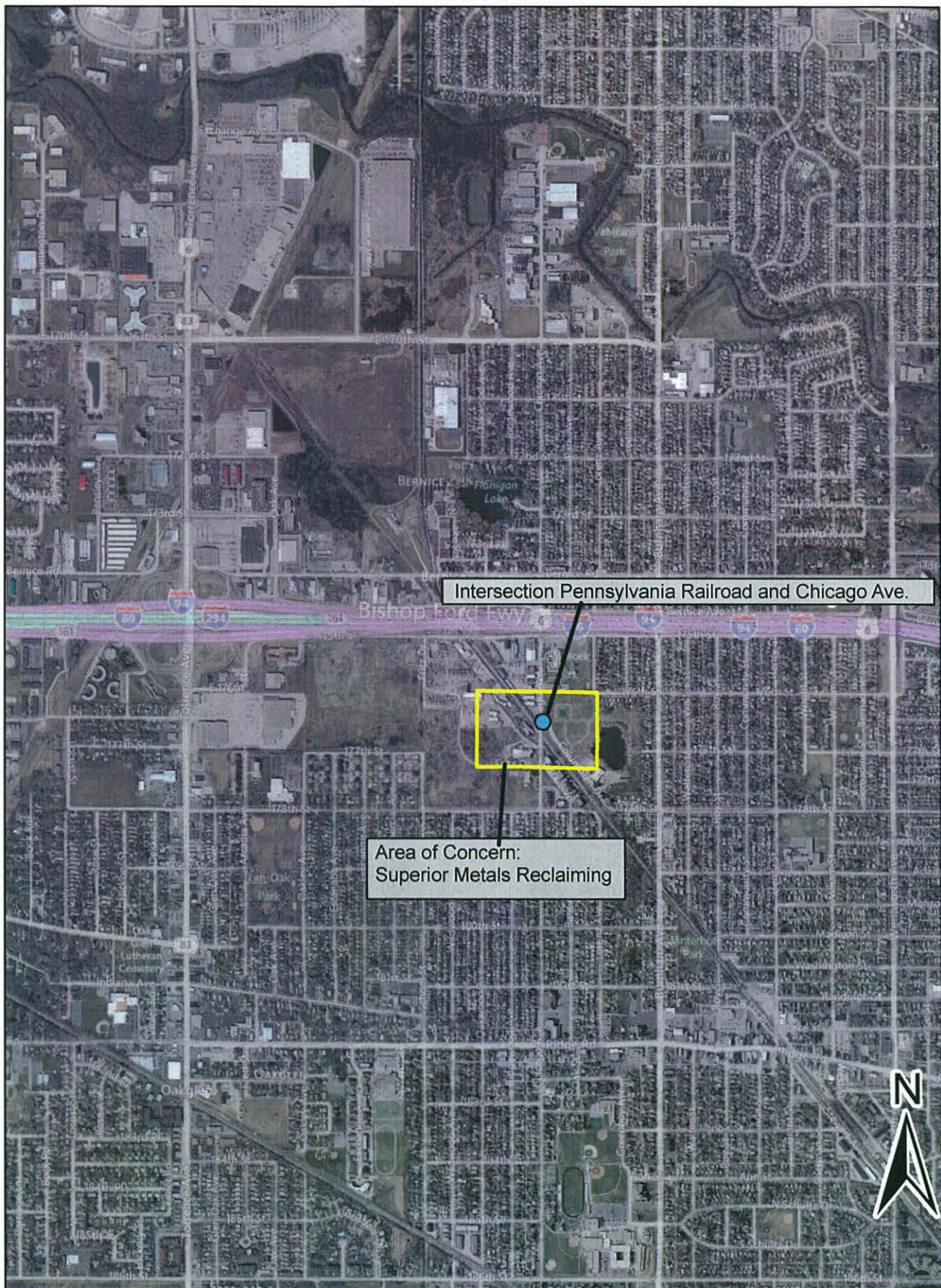
GERALD WILKMAN / [Signature] 10/24/12

Print Name/Signature

Date

FIGURE 1

**Superior Metals Reclaiming
Intersection of Pennsylvania Railroad and Chicago Ave.
Lansing, IL**



**U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) REGION 5 SUPERFUND DIVISION
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY INFORMATION SYSTEM (CERCLIS)
SITE INFORMATION FORM (SIF)**

Purpose and Use of the SIF

The SIF is the primary document used in Region 5 for the purposes of entering new Superfund sites into CERCLIS. SIFs should be completed electronically by On-Scene Coordinators (OSC) and Site Assessment Managers (SAM) when it is confirmed that a new site identified under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) should be entered into CERCLIS.

A SIF should not be completed if:

- It is known that the site already exists in CERCLIS, or has been removed from CERCLIS and no new data warrants re-entry;
- The site or its contaminants are subject to certain limitations based on definitions in CERCLA;
- A State or Tribal remediation program is involved in response at the site and is in the process of a final cleanup;
- The hazardous substance release at the site is regulated under a statutory exclusion (see CERCLA section 101(22));
- The hazardous substance release at the site is deferred to another authority (e.g., Resource Conservation and Recovery Act (RCRA));
- Site data is insufficient to determine if CERCLIS entry is warranted (i.e., based on potentially unreliable sources or with no information to support the presence of hazardous substances or CERCLA eligible pollutants or contaminants); or
- Documentation clearly demonstrates there is no potential for a release that could cause adverse environmental or human health impacts.

Please reference the Superfund Program Implementation Manual (SPIM) (Site Assessment/ National Priority List (NPL) Listing) for more information.

Additional Instructions

OSCs and SAMs should complete SIFs electronically, populating all applicable fields. **Required fields are bolded**, and remaining fields should be completed as applicable. Following are several points of clarification:

- Removal Initiation Date versus Site Discovery Date—Provide a Removal Initiation Date if the site requires *removal assessment/action* under CERCLA; provide a Site Discovery Date *only* if the site requires *NPL assessment/action* under CERCLA;
- Site Spill ID (SSID)—Obtain and enter the SSID received from John Maritote, of the Emergency Enforcement Services Section (EESS); if an SSID is not required, check the 'No SSID Required' box;
- Street Address—If possible, provide a complete street address for the spill site or corresponding facility; if an exact address cannot be identified, provide the distance and direction (e.g., N, NW, S, SE) from the closest intersection (include street names) or address;
- Lat/Long Details—Provide responses for all applicable fields based on the Lat/Long collection method; if details are unknown, select 'Unknown';
- Site Type—Site Type categories and subcategories are included in the SIF; select all that apply.

Submitting the SIF

Completed SIFs should be e-mailed to John Maritote at Maritote.John@epa.gov.

**U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) REGION 5 SUPERFUND DIVISION
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY INFORMATION SYSTEM (CERCLIS)
SITE INFORMATION FORM (SIF)**

SIF Completed by: Jerry Willman, on 3 / 15 / 2012

Site Identification Information				
Site Name:	Superior Metals Reclaiming Company	SSID:		<input type="checkbox"/> No SSID Required
Removal Initiation Date: <i>(Provide only if a removal assessment/ action is required)</i>	/ /	Site Designations: <i>(Select all that apply)</i>	<input type="checkbox"/> Fed. Facility Flag / Docket: <input type="checkbox"/> RCRA Flag <input type="checkbox"/> FUDS Site <input type="checkbox"/> Native American Interest <input type="checkbox"/> Navajo Nation	
Site Discovery Date: <i>(Provide only if an NPL assessment/ action is required)</i>	/ /			
Non-NPL Site Status:	PA Start Needed	Identified By:	States	
NPL Site Status:	Not on the NPL	State ID: (If known)		
Site Contact Information				
OSC/ RPM/ EAPM Name / Phone:	/() -	State Contact Name / Phone:	Jerry Willman /(217)524 - 6365	
		Other Reg. Contact Name / Phone:	/() -	
Site Location Information				
Street Address: <i>(Specify the address of the spill site/facility; if an exact address cannot be identified, provide the distance and direction (e.g., N, SE) from the nearest intersection (include street names) or address)</i>	Lansing, IL at the intersection of Chicago Avenue and Pennsylvania Railroad	Lat/Long Unit of Measure: <i>(Select one)</i>	<input type="checkbox"/> Degrees, Minutes, Seconds <input type="checkbox"/> Decimal Degrees	
		Latitude:	+ ° " + 41.5744	
		Longitude:	- ° " - 87.5442	
County:	Cook	Lat/Long Details: <i>(Complete all applicable fields based on Lat/Long collection method; if details are unknown, select 'Unknown')</i>	Collection Method:	Interpolation-Satellite
State:	IL		Reference Datum:	NAD 83
Zip Code:	60438		Reference Point:	Facility Center/Centroid ; or (more options)
Congressional District:	1		Collection Date:	8 / 7 / 2012

* Note that Required fields are Bolded

**U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) REGION 5 SUPERFUND DIVISION
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY INFORMATION SYSTEM (CERCLIS)
SITE INFORMATION FORM (SIF)**

Additional Site Information			
Site/Incident Description: <i>(Include a discussion on whether there are long-term cleanup concerns and/or an NPL assessment is needed)</i>		The former Superior Metals Reclaiming Company was located at the Intersection of Chicago Avenue and Pennsylvania Railroad. It is unclear as to where the exact location of the facility was. It is believed the facility was in operation from at least 1946 to 1963. Without knowing the exact location of the former facility there is no way to determine whether or not contamination is present in the soils, or how accessible the potential contamination is to the public. Therefore, it is recommended that the site be placed on CERCLIS and scheduled for a preliminary assessment.	
Site Type: <i>(Select Site Type Categories and Subcategories (all that apply))</i>	Categories	Subcategories	
	<input type="checkbox"/> Manufacturing/ Processing / Maintenance	<input type="checkbox"/> Chemicals and allied products <input type="checkbox"/> Radioactive products <input checked="" type="checkbox"/> Primary metals/ mineral processing <input type="checkbox"/> Oil and gas refining <input type="checkbox"/> Metal fabrication/ finishing/ coating <input type="checkbox"/> Lumber and wood products/ pulp and paper <input type="checkbox"/> Lumber and wood products/wood preserving/ treatment <input type="checkbox"/> Plastics and rubber products	<input type="checkbox"/> Electronic/ electrical equipment <input type="checkbox"/> Electric power generation and distribution <input type="checkbox"/> Coal gasification <input type="checkbox"/> Ordinance production <input type="checkbox"/> Coke production <input type="checkbox"/> Trucks/ ships/ trains/ aircraft and related components <input type="checkbox"/> Tanneries <input type="checkbox"/> Fabrics/ textiles
	<input type="checkbox"/> Waste Management	<input type="checkbox"/> Municipal solid waste landfill <input type="checkbox"/> Industrial waste landfill <input type="checkbox"/> Co-disposal landfill (municipal and industrial) <input type="checkbox"/> Industrial waste facility (non-generator)	<input type="checkbox"/> Radioactive waste treatment, storage, disposal (non-generator) <input type="checkbox"/> Mine tailings disposal <input type="checkbox"/> Illegal disposal/open dump
	<input type="checkbox"/> Mining	<input type="checkbox"/> Coal <input type="checkbox"/> Oil and Gas	<input type="checkbox"/> Metals <input type="checkbox"/> Non-metal minerals
	<input type="checkbox"/> Recycling	<input checked="" type="checkbox"/> Batteries/ scrap metals/ secondary smelting/ precious metal recovery <input type="checkbox"/> Waste/ used oil	<input type="checkbox"/> Automobiles/ tires <input type="checkbox"/> Drums/ tanks <input type="checkbox"/> Chemicals/ chemical waste (e.g., solvent recovery)
<input type="checkbox"/> Other	<input type="checkbox"/> Treatment works/ septic tanks/ other sewage <input type="checkbox"/> Transportation (e.g., railroad yards, airport) <input type="checkbox"/> Product storage/ distribution <input type="checkbox"/> Ground water plume site, no identifiable source <input type="checkbox"/> Contaminated sediment site with no identifiable source	<input type="checkbox"/> Retail/ commercial <input type="checkbox"/> Agricultural (e.g., grain elevator) <input type="checkbox"/> Spill or other one-time event <input type="checkbox"/> Military/ other ordinance <input type="checkbox"/> Research, development, and testing facility <input type="checkbox"/> Dust control	

* Note that Required fields are Bolded